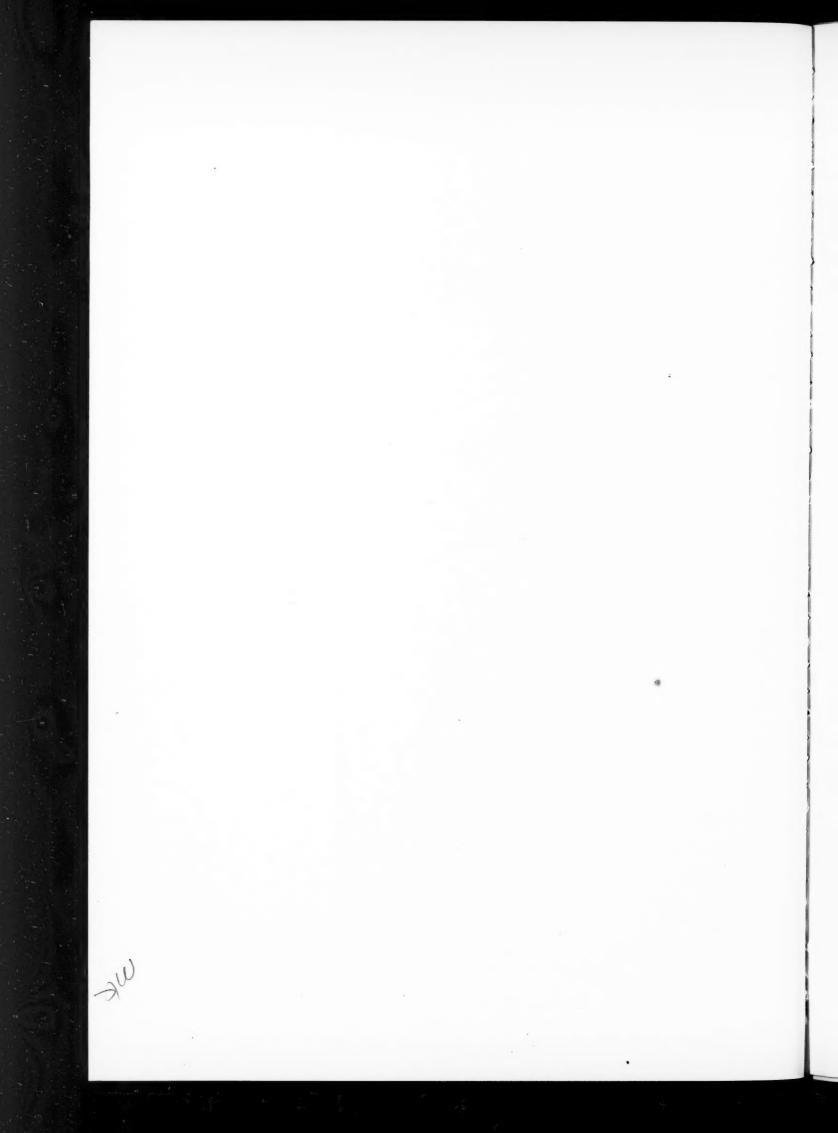
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## MACHINERY

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Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov. Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler-Duplex" Boring and Facing Tool May	y 226 c. 213 at. 220 y 220 y 220 t. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2	194 141 204 201 233
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler-Duplex" Boring and Facing Tool May Change-gears, See Gears	y 226 c. 213 at. 220 y 220 y 220 t. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Markines Mar. 26 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 26 Unplex Vertical "Hydro-Broach"	194 141 204 201 233 207 114
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212	Centerless Grinding Machine,  "Promatic"	y 226 r. 213 xt. 220 y 220 r. 183 ee 207 xt. 207 r. 204 c. 205 y 205 c. 212	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and, R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2: "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2:	194 141 204 201 233 207 114
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler-Duplex" Boring and Facing Tool May Change-gears, See Gears	y 226 r. 213 xt. 220 y 220 r. 183 ee 207 xt. 207 r. 204 c. 205 y 205 c. 212	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.:	194 141 204 201 233 207 114
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 170 202 205	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov. Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Special Machine for Drilling and May Change-gears, See Gears Charts Offered by New York University, Cam Design Apr	y 226 r. 213 xt. 220 y 220 r. 183 ee 207 xt. 207 r. 204 c. 205 y 205 c. 212	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 26 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 26 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 26 Duplex Vertical "Hydro-Broach" Machines" Aug. 2: Cincinnati Shaper Co.: Magnetic Sheet Support for Power	194 141 204 201 233 207 114 204
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 170 202 205	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler-Spuplex" Boring and Facing Tool May Change-gears, See Gears Charts Offered by New York University, Cam Design Aug.	y 226 r. 213 at. 220 y 220 r. 183 ee 207 at. 207 r. 204 e. 205 y 205 e. 212 r 222	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and, R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar Apr. 2 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 15	194 141 204 201 233 207 114 204
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov. Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler-Duplex" Boring and Facing Tool May Change-gears, See Gears Charts Offered by New York University, Cam Design Aug.	y 226 r. 213 at. 220 y 220 r. 183 ee 207 at. 207 r. 204 e. 205 y 205 e. 212 r 222	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Altachment Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on	2220 194 141 204 201 233 207 114 204 210 298
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov. Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Tool Nov. Chambersburg Drop-hammer Nov. Carambersburg Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Nov. Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Openation: Cold Galvanizing Compound for Protecting Steel and Iron May Chaser and Cut-off Wheel Grinder, Dual-purpose Apr.	y 226 c. 213 at. 220 y 220 r. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212 r 222 c. 169 r 189	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 26 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 26 "Fulmatic" Hydro-Broach" Machines" Aug. 26 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 20	194 141 204 201 233 207 114 204 210 298
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov. Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler See Gears Charts Offered by New York University, Cam Design Aug. Chase Chemical Corporation: Cold Galvanizing Compound for Protecting Steel and Iron May Chaser and Cut-off Wheel Grinder, Dual-purpose Apr. Chaser, Craft-Hollow Disk Grinder and	y 226 c. 213 at. 220 y 220 c. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212 c. 169 c. 189 c. 226	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and, R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar Apr. 2 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2	2220 194 141 204 201 233 207 114 204 210 298
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Duplex" Boring and Facing Tool May Change-gears, See Gears Charts Offered by New York University, Cam Design Aug. Chase Chemical Corporation: Cold Galvanizing Compound for Protecting Steel and Iron May Chaser and Cut-off Wheel Grinder, Dual-purpose Apr. Chaser, Craft-Hollow Disk Grinder and Tap and Die Oct.	y 226 c. 213 at. 220 y 220 c. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212 c. 169 c. 189 c. 226	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and, R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Machines, Inc.: "Reverse Image" Attachment or "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 15 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic	2220 194 141 204 201 233 207 114 204 210 98 302 306
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov. Chain Drive, Morse "Hy-Vo" Trans- mission July "Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Engineering Co.: New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.: "Chandler Tool Co.: "Chandler Tool Co.: "Chandler Pouplex" Boring and Facing Tool May Change-gears, See Gears Charts Offered by New York University, Cam Design Aug. Chase Chemical Corporation: Cold Galvanizing Compound for Protecting Steel and Iron May Chaser and Cut-off Wheel Grinder, Dual-purpose Apr. Chaser, Craft-Hollow Disk Grinder and Tap and Die Chasers for Threading Aluminum Parts,	y 226 r. 213 at. 220 y 220 r. 183 ee 207 at. 207 r. 204 c. 205 y 205 c. 212 r. 222 c. 169 r. 189 r. 226 r. 222	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Marchines Apr. 2: "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2: "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June Duplex Vertical "Hydro-Broach" Machines" Aug. 2: Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Shaper for Duplicating Contours on Metal Parts Dec. 2: Extra Long Squaring Shear Apr. 2: Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2:	194 141 204 201 233 207 114 204 210 298
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov. Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Opuplex" Boring and Facing Tool May Change-gears, See Gears Charts Offered by New York University, Cam Design Aug. Chase Chemical Corporation: Cold Galvanizing Compound for Protecting Steel and Iron May Chaser and Cut-off Wheel Grinder, Dual-purpose Apr. Chasers for Threading Aluminum Parts, Grinding Oct.	y 226 r. 213 at. 220 y 220 r. 183 ee 207 at. 207 r. 204 c. 205 y 205 c. 212 r. 222 c. 169 r. 189 r. 226 r. 222	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 15 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circles, Constructing Arcs Tangent to.	194 141 204 201 233 207 114 200 201 200 200 200 200 200 200 200 200
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Duplex" Boring and Facing Tool May Change-gears, See Gears Charts Offered by New York University, Cam Design Aug. Chase Chemical Corporation: Cold Galvanizing Compound for Protecting Steel and Iron May Chaser and Cut-off Wheel Grinder, Dual-purpose Apr. Chasers for Threading Aluminum Parts, Grinding Oct. Checks All Castings by Fluoroscopy,	y 226 r. 213 at. 220 y 220 r. 183 ee 207 at. 207 r. 204 c. 205 y 205 c. 212 r. 222 c. 169 r. 189 r. 226 r. 222	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and, R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2: Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circles, Constructing Arcs Tangent to. W. W. Quist Nov. 16	194 141 204 201 233 207 114 200 201 200 200 200 200 200 200 200 200
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195	Centerless Grinding Machine,  "Promatic"	y 226 r. 213 rt. 220 y 220 r. 183 re 207 rt. 204 r. 205 y 205 r. 212 r 222 r 189 r 189 r 226 r 222 r 196	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Heavy-duty Plain and Roll Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Marchines Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 "Areverse Image" Attachment for Machines" Apr. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circulet Current Record Made at Grand	2220 194 141 204 201 233 207 114 204 210 206 206 200 85
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov. Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Tool Co.:  "Chandler Opuplex" Boring and Facing Tool May Change-gears, See Gears Charts Offered by New York University, Cam Design Aug. Chase Chemical Corporation: Cold Galvanizing Compound for Protecting Steel and Iron May Chaser and Cut-off Wheel Grinder, Dual-purpose Apr. Chasers for Threading Aluminum Parts, Grinding Oct. Checks All Castings by Fluoroscopy, Northrop, Thomas E. Piper and Justin G. Schneeman July	y 226 r. 213 rt. 220 y 220 r. 183 re 207 rt. 204 r. 205 y 205 r. 212 r 222 r 189 r 189 r 226 r 222 r 196	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Heavy-duty Plain and Roll Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circiles, Constructing Arcs Tangent to. W. W. Quist Nov. 16 Circuit Current Record Made at Grand Coulee Dam, New Short Mar. 16	2220 194 141 204 201 233 207 114 204 210 206 206 200 85
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195	Centerless Grinding Machine,  "Promatic"	y 226 c. 213 at. 220 y 220 r. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212 r. 222 d. 169 r. 189 c. 226 c. 222 d. 196	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and, R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circles, Constructing Arcs Tangent to. W. W. Quist Nov. 16 Circuit Current Record Made at Grand Coulee Dam, New Short Mar. Mar. 16 Clamp, "De-Sta-Co" Heavy-duty Plunger	2220 1194 141 141 204 201 233 207 114 204 210 206 206 200 85
Cam Design Charts Offered by New York University  Cams for Automatic Cigar and Cigarette Machinery, Making. R. F. V. Stanton Cams without "Trial and Error" Layouts, Designing Disk. Sherwood C. Bliss  Oct. Cameras, Photomicrographic  Campbell, G. E., Personal of  July Campbell, G. E., Personal of  Campbell Machine Division of American Chain & Cable Co., Inc.:  Nibbling Machines  Machine with "Sequence Timing"  Machine with "Sequence Timing"  May Wet Abrasive Cutting  Machine with "Sequence Timing"  May Wet Abrasive Cutting Machine  Cannon Vibrator Co.:  "Quiet Type" Bin and Hopper Vibrator Feb. Car-wheel Mounting Press with Pushbutton Control, Chambersburg  Dec. Carbide Balls for Sizing Holes  Oct. Carbide Burs Simplify Difficult Machining Operations. George H. DeGroat  Dec. Carbide Dies, Designing, M. L. Backstrom  and E. J. Reitler  Aug. Carbide Dies Reduce Cost of Producting Channel-shaped Part  Carbide Tools, Grinding Pointers for  Sept. Carbide Tools Grinding Pointers for  Sept.	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195	Centerless Grinding Machine,  "Promatic"	y 226 c. 213 at. 220 y 220 r. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212 r. 222 d. 169 r. 189 c. 226 c. 222 d. 196	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Heavy-duty Plain and Roll Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 26 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 26 Circular Milling Machines June 27 Machines" Aug. 25 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Shaper for Duplicating Contours on Metal Parts Dec. 26 Extra Long Squaring Shear Apr. 27 Shaper Fequipped with Turchan Hydraulic Duplicator Aug. 26 Circulat Current Record Made at Grand Coulee Dam, New Short Mar. 16 Clamp, "De-Sta-Co" Heavy-duty Plunger Type Toggle Mar. 22	2220 194 141 204 201 233 207 214 206 206 200 85 69 21
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195	Centerless Grinding Machine,  "Promatic"	y 226 c. 213 at. 220 y 220 c. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212 d. 169 d. 189 c. 226 c. 222 d. 196 d. 172 d. 206	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Heavy-duty Plain and Roll Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circiles, Constructing Arcs Tangent to. W. W. Quist Nov. 18 Clamp, "De-Sta-Co" Heavy-duty Plunger Type Toggle Mar. 2 Clamp, "De-Sta-Co" Plier Type Toggle Apr. 2	220 1194 141 141 204 201 233 207 114 204 210 206 69 21 32
Cam Design Charts Offered by New York University	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195	Centerless Grinding Machine,  "Promatic"	y 226 c. 213 at. 220 y 220 c. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212 d. 169 d. 189 c. 226 c. 222 d. 196 d. 172 d. 206	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and, R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2: "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2: Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2: Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2: Circles, Constructing Arcs Tangent to. W. W. Quist Turchan Hydraulic Duplicator Mar. 16 Clamp, "De-Sta-Co" Plier Type Toggle Apr. 25 Clamp, "De-Sta-Co" Plier Type Toggle Apr. 25 Clamp, "De-Sta-Co" Toggle Mar. 22 Clamp, "De-Sta-Co" Toggle Dec. 2:	220 1194 141 141 204 201 233 207 114 204 210 206 69 21 32
Cam Design Charts Offered by New York University  Cams for Automatic Cigar and Cigarette Machinery, Making. R. F. V. Stanton Cams without "Trial and Error" Lay- outs, Designing Disk. Sherwood C. Bliss  Oct. Cameras, Photomicrographic  Campbell, G. E., Personal of  July Campbell, G. E., Personal of  Campbell Machine Division of American Chain & Cable Co., Inc.:  Nibbling Machines  Machine with "Sequence Timing"  Machine with "Sequence Timing"  May Wet Abrasive Cutting Machine  May Cannon Vibrator Co.:  "Quiet Type" Bin and Hopper Vibrator Feb. Car-wheel Mounting Press with Push- button Control, Chambersburg  Dec. Carbide Balls for Sizing Holes  Oct. Carbide Burs Simplify Difficult Machin- ing Operations. George H. DeGroat  Dec. Carbide Dies, Designing. M. L. Backstrom and E. J. Reitler  Aug. Carbide Dies Reduce Cost of Producting Channel-shaped Part  Carbide Lathe Tools Used in Milling Cutter  Feb. Carbide Tools, Grinding Pointers for  Sept. Carbide Tools, Grinding Pointers for  Sept. Carbide Tools, Productivity Increased Tenfold by Cemented  Tenfold by Cemented  Carbide Twist Drills, How to Drill Cast Iron with  Carboloy Department, General Electric Co.:  Special Tool-head Triples Production in Machining Pumps  Sept. Heavy-Non-cutting Metal for Use in the Balancing of Equipment  Apr. Technical Data Program for Defense Industries  June How to Drill Cast Iron with Carbide Twist Drills  June	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195	Centerless Grinding Machine,  "Promatic"	y 226 c. 213 at. 220 y 220 c. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212 d. 169 d. 189 c. 226 c. 222 d. 196 d. 172 d. 206	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Heavy-duty Plain and Roll Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 26 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 26 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 26 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 26 Extra Long Squaring Shear Apr. 27 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 20 Circule Current Record Made at Grand Coulee Dam, New Short Mar. 16 Clamp, "De-Sta-Co" Pelier Type Toggle Apr. 25 Clamp, "De-Sta-Co" Toggle Dec. 26 Clamp for Accurately Locating Fixtures	220 1194 141 141 204 201 233 207 114 204 210 206 69 21 32
Cam Design Charts Offered by New York University	169 141 179 230 2261 241 223 203 224 230 205 212 155 170 202 205 224 189 195 157 192 182	Centerless Grinding Machine,  "Promatic"	y 226 c. 213 at. 220 y 220 c. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212 c. 169 c. 189 c. 222 c. 196 c. 172 c. 206 c. 189	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Heavy-duty Plain and Roll Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines Mar. 2 Circular Milling Attachment for "Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circles, Constructing Arcs Tangent to. W. W. Quist Nov. 18 Circuit Current Record Made at Grand Coulee Dam, New Short Mar. 16 Clamp, "De-Sta-Co" Plier Type Toggle Apr. 2 Clamp, "De-Sta-Co" Toggle Dec. 2 Clamp for Accurately Locating Fixtures on a Machine Table, Simple. W. M.	220 1194 141 204 201 233 207 114 204 210 206 69 21 332 222
Cam Design Charts Offered by New York University	169 141 179 230 2261 241 223 203 224 230 205 212 155 170 202 205 224 189 195 157 192 182	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov. Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Drop-hammer Nov. Car-wheel Mounting Press with Push- button Control Dec. New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler-Duplex" Boring and Facing Tool May Change-gears, See Gears Charts Offered by New York University, Cam Design Aug. Chase Chemical Corporation: Cold Galvanizing Compound for Protecting Steel and Iron May Chaser, Graft-Hollow Disk Grinder and Tap and Die Oct. Checks All Castings by Fluoroscopy, Northrop. Thomas E. Piper and Justin G. Schneeman July Checker, Barber-Colman Hob-sharpening Dec. Checking Angle of Taper Plug Gage with Aid of V-block. Chris Fette Dec. Chemical Products Corporation: Water Remover for Plated or Unplated Metal Parts Jan.	y 226 c. 213 at. 220 y 220 c. 183 ae 207 at. 207 c. 204 c. 205 y 205 c. 212 c. 169 c. 189 c. 222 c. 196 c. 172 c. 206 c. 189	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and, R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circles, Constructing Arcs Tangent to. W. W. Quist Turchan Hydraulic Duplicator Mar. 16 Clamp, "De-Sta-Co" Heavy-duty Plunger Type Toggle Mar. 2 Clamp, "De-Sta-Co" Heavy-duty Plunger Type Toggle Mar. 2 Clamp, "De-Sta-Co" Plier Type Toggle Apr. 2 Clamp, "De-Sta-Co" Toggle Mar. 2 Clamp, "De-Sta-Co" Toggle Mar. 2 Clamp for Accurately Locating Fixtures on a Machine Table, Simple. W. M. Halliday Dec. 19	220 1194 141 204 201 233 207 114 204 210 206 69 21 332 222
Cam Design Charts Offered by New York University  Cams for Automatic Cigar and Cigarette Machinery, Making. R. F. V. Stanton Cams without "Trial and Error" Lay- outs, Designing Disk. Sherwood C. Bliss  Oct. Cameras, Photomicrographic  Oct. Cameron, Russell J., Personal of  July Campbell, G. E., Personal of  Campbell Machine Division of American Chain & Cable Co., Inc.:  Nibbling Machines  Machine with "Sequence Timing"  Machine with "Sequence Timing"  Machine with "Sequence Timing"  May Wet Abrasive Cutting Machine  Cannon Vibrator Co.:  "Quiet Type" Bin and Hopper Vibrator Feb. Car-wheel Mounting Press with Push- button Control, Chambersburg  Dec. Carbide Balls for Sizing Holes  Oct. Carbide Burs Simplify Difficult Machin- ing Operations. George H. DeGroat  Dec. Carbide Dies, Designing. M. L. Backstrom  and E. J. Reitler  Aug. Carbide Dies Reduce Cost of Producing Channel-shaped Part  Carbide Lathe Tools Used in Milling Cutter  Feb. Carbide Tools, Grinding Pointers for  Sept. Carbide Tools, Grinding Pointers for  Sept. Carbide Tools, Productivity Increased Tenfold by Cemented  Tenfold by Cemented  Carbody Department, General Electric Co.:  Special Tool-head Triples Production in Machining Pumps  Sept. Heavy-Non-cutting Metal for Use in the Balancing of Equipment  Technical Data Program for Defense Industries  June How to Drill Cast Iron with Carbide Twist Drills  June Coordinated Tool Control Plan for Increasing Production Efficiency  Aug. Carborundum Co.:	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195 157 192 182 195 159	Centerless Grinding Machine,  "Promatic"	y 226 r. 213 rt. 220 y 220 r. 183 re 207 rt. 204 r. 205 y 205 r. 212 r 222 r 189 r 189 r 172 r 206 r 189 r 189 r 172 r 206 r 189	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Heavy-duty Plain and Roll Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper for Duplicating Arcs Tangent to. W. W. Quist Circult Current Record Made at Grand Coulee Dam, New Short Mar. 16 Clamp, "De-Sta-Co" Heavy-duty Plunger Type Toggle Mar. 2 Clamp, "De-Sta-Co" Polier Type Toggle Apr. 2 Clamp, "De-Sta-Co" Toggle Dec. 2 Clamp for Accurately Locating Fixtures on a Machine Table, Simple. W. M. Halliday Dec. 18 Clamp for Piercing Die Aligns Yoke-	220 194 141 204 201 233 207 114 204 201 233 207 214 206 200 85 69 21 22 22 22
Cam Design Charts Offered by New York University  Cams for Automatic Cigar and Cigarette Machinery, Making. R. F. V. Stanton Cams without "Trial and Error" Lay- outs, Designing Disk. Sherwood C. Bliss	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195 157 192 182 195 159	Centerless Grinding Machine,  "Promatic"	y 226 r. 213 rt. 220 y 220 r. 183 re 207 rt. 204 r. 205 y 205 r. 212 r 222 r 189 r 189 r 172 r 206 r 189 r 189 r 172 r 206 r 189	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Heavy-duty Plain and Roll Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circles, Constructing Arcs Tangent to. W. W. Quist New Short Mar. 16 Clamp, "De-Sta-Co" Heavy-duty Plunger Type Toggle Mar. 2 Clamp, "De-Sta-Co" Heavy-duty Plunger Type Toggle Mar. 2 Clamp, "De-Sta-Co" Plier Type Toggle Apr. 2 Clamp, "De-Sta-Co" Plier Type Toggle Apr. 2 Clamp, "De-Sta-Co" Plier Type Toggle Apr. 2 Clamp, "De-Sta-Co" Toggle Dec. 2 Clamp for Accurately Locating Fixtures on a Machine Table, Simple. W. M. Halliday Dec. 19 Clamp for Piercing Die Aligns Yoke- shaped Part. F. A. Adams Mar. 19	220 194 141 204 201 233 207 114 204 201 233 207 214 206 200 85 69 21 22 22 22
Cam Design Charts Offered by New York University  Cams for Automatic Cigar and Cigarette Machinery, Making. R. F. V. Stanton Cams without "Trial and Error" Layouts, Designing Disk. Sherwood C. Bliss  Oct. Cameras, Photomicrographic  Campbell, G. E., Personal of  Campbell, G. E., Personal of  Campbell Machine Division of American Chain & Cable Co., Inc.:  Nibbling Machines  Machine Wet Abrasive Cutting  Machine with "Sequence Timing"  May Wet Abrasive Cutting Machine  May Cannon Vibrator Co.:  "Quiet Type" Bin and Hopper Vibrator Feb. Car-wheel Mounting Press with Pushbutton Control, Chambersburg  Dec. Carbide Balls for Sizing Holes  Oct. Carbide Burs Simplify Difficult Machining Operations. George H. DeGroat  Dec. Carbide Dies, Designing. M. L. Backstrom  and E. J. Reitler  Carbide Dies Reduce Cost of Producing Channel-shaped Part  Oct. Carbide Tools, Grinding Pointers for  Carbide Tools, Grinding Pointers for  Sept. Carbide Tools, Grinding Pointers for  Carbide Tools, Grinding Pointers for  Carbide Tools, Productivity Increased  Tenfold by Cemented  Tenfold by Cemented  Tenfold Towist Drills, How to Drill Cast Iron with  Carbon-Carbide Dies Production  in Machining Pumps  Sept.  Heavy-Non-cutting Metal for Use in  the Balancing of Equipment  Apr.  Technical Data Program for Defense  Industries  Industries  Industries  June  Coordinated Tool Control Plan for  Increasing Production Efficiency  Aug.  Carbor-content Control Plan for  Increasing Production Efficiency  Aug.  Carbor-content Control For "Homocarb"	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195 157 192 182 195 159 216	Centerless Grinding Machine,  "Promatic" July Centerless Polishing Machine, High- speed Apr Central Tool Co.:  "Read-Rite" Micrometer Sept Cerium Solve Hot-working Problems, Alloys Containing July "Certified Rust Inhibitor No. 425" Nov. Chain Drive, Morse "Hy-Vo" Trans- mission June Challenge Machinery Co.: Semi-steel Welding Table Sept Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Engineering Co.: Short- or Long-stroke Control for Chambersburg Engineering Co.: New Model "Ceco-Drop" Hammer May Chamfering Large Steel Ring, Snyder Special Machine for Drilling and Dec. Chandler Tool Co.:  "Chandler Tool Co.: "Chandler Tool Way Change-gears, See Gears Charts Offered by New York University, Cam Design Aug. Chase Chemical Corporation: Cold Calvanizing Compound for Protecting Steel and Iron May Chaser and Cut-off Wheel Grinder, Dual-purpose Apr. Chaser, Craft-Hollow Disk Grinder and Tap and Die Oct. Checks All Castings by Fluoroscopy, Northrop. Thomas E. Piper and Justin G. Schneeman July Checker, Barber-Colman Hob-sharpening Dec. Checking Angle of Taper Plug Gage with Aid of V-block. Chris Fette Dec. Chemclean Products Corporation: Water Remover for Plated or Unplated Metal Parts Jan. Easily Applied Protective Coating for Aluminum Parts "Chemlon"—Frictionless Chemically "Chemelean Froducts Corporation: "Chemically Protective Coating for Aluminum Parts "Chemlon"—Frictionless Chemically	y 226 r. 213 rt. 220 y 220 r. 183 re 207 rt. 204 r. 205 y 205 r. 212 r. 222 r. 169 r. 189 r. 206 r. 172 r. 206 r. 189 r. 203 r. 196	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and, R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Plain Hydraulic Grinding Machines Duly 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment Apr. 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Duplex Vertical "Hydro-Broach" Machines" Aug. 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circles, Constructing Arcs Tangent to. W. W. Quist Turchan Hydraulic Duplicator Machines Mar. 2 Circult Current Record Made at Grand Coulee Dam, New Short Mar. 16 Clamp, "De-Sta-Co" Plier Type Toggle Apr. 2 Clamp, "De-Sta-Co" Heavy-duty Plunger Type Toggle Mar. 2 Clamp, "De-Sta-Co" Plier Type Toggle Apr. 2 Clamp, "De-Sta-Co" Toggle Dec. 2 Clamp for Accurately Locating Fixtures on a Machine Table, Simple. W. M. Halliday Dec. 19 Clamp for Piercing Die Aligns Yoke- shaped Part. F. A. Adams Mar. 19 Clamping Arrangment that Solved a	220 194 141 204 201 233 207 114 204 201 233 207 214 206 200 85 69 21 22 22 22
Cam Design Charts Offered by New York University  Cams for Automatic Cigar and Cigarette Machinery, Making. R. F. V. Stanton Cams without "Trial and Error" Lay- outs, Designing Disk. Sherwood C. Bliss  Oct. Cameras, Photomicrographic  Oct. Cameron, Russell J., Personal of  July Campbell, G. E., Personal of  Campbell Machine Division of American Chain & Cable Co., Inc.:  Nibbling Machines  Machine with "Sequence Timing"  Machine with "Sequence Timing"  Machine with "Sequence Timing"  May Wet Abrasive Cutting Machine  Cannon Vibrator Co.:  "Quiet Type" Bin and Hopper Vibrator Feb. Car-wheel Mounting Press with Push- button Control, Chambersburg  Dec. Carbide Balls for Sizing Holes  Oct. Carbide Burs Simplify Difficult Machin- ing Operations. George H. DeGroat  Dec. Carbide Dies, Designing. M. L. Backstrom  and E. J. Reitler  Aug. Carbide Dies Reduce Cost of Producing Channel-shaped Part  Carbide Lathe Tools Used in Milling Cutter  Feb. Carbide Tools, Grinding Pointers for  Sept. Carbide Tools, Grinding Pointers for  Sept. Carbide Tools, Productivity Increased Tenfold by Cemented  Tenfold by Cemented  Carbodoy Department, General Electric Co.:  Special Tool-head Triples Production in Machining Pumps  Sept. Heavy-Non-cutting Metal for Use in the Balancing of Equipment  Technical Data Program for Defense Industries  June How to Drill Cast Iron with Carbide Twist Drills  Lore Howel May Carborundum Co.:  New Type Carborundum Contact Wheel May Carborundum Co.:	169 141 179 230 261 241 223 203 224 230 205 212 155 170 202 205 224 189 195 157 192 182 195 159 216	Centerless Grinding Machine,  "Promatic"	y 226 r. 213 rt. 220 y 220 r. 183 re 207 rt. 204 r. 205 y 205 r. 212 r. 222 r. 169 r. 189 r. 206 r. 172 r. 206 r. 189 r. 203 r. 196	Newton Jan. 2 Chucks, Geared Key Sept. 2 Chucks, Handy Safety Device for Mounting Heavy Lathe. James J. Baule June 1 Chucking Machine, see also Automatic Cigarette Machinery, Making Cams for Automatic Cigar and. R. F. V. Stanton Dec. 1 Cincinnati Gilbert Machine Tool Co.: Radial Drilling Machines with Traveling Roller-bearing Mounted Base Dec. 2 Cincinnati Grinders Incorporated: "Filmatic" Heavy-duty Plain and Roll Grinding Machines Dec. 2 "Filmatic" Heavy-duty Plain and Roll Grinding Machines July 2 Cincinnati Milling and Grinding Machines, Inc.: Rotary "Mill-Breach" for Finishing Port Pads on Automotive Exhaust Manifolds Mar. 2 Circular Milling Attachment for "Hydro-Tel" Milling Machines June 2 "Reverse Image" Attachment for "Hydro-Tel" Milling Machines June 2 Cincinnati Shaper Co.: Magnetic Sheet Support for Power Shears Sept. 19 Shaper for Duplicating Contours on Metal Parts Dec. 2 Extra Long Squaring Shear Apr. 2 Shaper Equipped with Turchan Hydraulic Duplicator Aug. 2 Circular Current Record Made at Grand Coulee Dam, New Short Mar. 16 Clamp, "De-Sta-Co" Peler Type Toggle Apr. 2 Clamp, "De-Sta-Co" Peler Type Toggle Apr. 2 Clamp, "De-Sta-Co" Toggle Mar. 2 Clamp, "De-Sta-Co" Toggle Mar. 2 Clamp for Accurately Locating Fixtures on a Machine Table, Simple. W. M. Halliday Dec. 19 Clamp for Piercing Die Aligns Yokeshaped Part, F. A. Adams Mar. 19 Clamping Arrangment that Solved a Troublesome Drilling Problem, Air	220 194 141 204 201 233 207 114 204 210 206 69 21 32 22 22 98
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Disintegrator Close, Gilbert C.: Magnesium-welding Fixtures for the "Flying Wing" Clutch and Brake Unit, Air-powered Friction Clutch and Brake Units, Electromagnetic Clutch Coupling, Mercury Clutch, Edgemont Disk Type Clutch for Continuous Operation of Presses, Bliss Air Friction Clutch for Winding Operations, Constantorque Slip Clutch Housings, Special "Transfermatic" for Machining Coating Applied to Metal Tubes, Extruded Protective Coating for Aluminum Parts, Easily Applied Protective Coating for Geiger Counter Tubes, New External Coating Frocess for Zinc and Cadmium, Chromate Coating that Protects Metal Against Salt Corrosion Coating that Provides High Wear Resistance to Aluminum Coating that Reduces Glare of Guided Missiles Coating that Resists Acids and Alkalies	Oct. Mar. May May May Mar. Aug. Nov. June Aug. Feb. Jan. Aug. Sept.	186 208 198 226 230 212 220 211 224 196 191 182 183 203	Compound for Machining and Cold- drawing Operations, Organic Cutting Compound for Polishing Carbide Dies, Diamond	May May May May May May Jan. Aug. Jan. Jan. Jan. Jan. Jan. Jan. Jan. Jan	226 189 188 182 189 203 182 196 220 199 164	Control, G-E Welder with Automatic  "Hot Start" Dec Control, John Crane Tube-rolling Cot Control, Device Developed for Use in Control, Device Developed for Use in Control, Support Control Control Control Control Quality July Control Standard Lathe Increases Output Seven Times, "Brain Block" Sep Control Station, Allen-Bradley Pendent Control, Superdraulic Remote Aug Control, Torque Overload Nov Controller, Leeds & Northrup Air-fuel Ratio Aug Conveying Various Materials, New Self- centering Roll for Oct Conveyor, Improved "Chip-Tote" Juny Coolant, Screening Feeder for Desludging Jan, Coolants, Frostrode Industrial Coolers for Jan, Coolants, Frostrode Industrial Coolers for Apr Coolants, Magnetic Clarifier for Liquid Apr Cooler, Williams Oil Juny Cooper-Bessemer Corporation: New Superchargers for Gas and Diesel Engines from 1200 to 2500 H.P. Nov	246 210 246 210 210 210 215 215 215 216 216 216 217 218 217 218 218 219 210 218 219 219 219 219 219 219 219 219 219 219
Disintegrator Close, Gilbert C.: Magnesium-welding Fixtures for the "Flying Wing" Clutch and Brake Unit, Air-powered Friction Clutch and Brake Units, Electromagnetic Clutch Coupling, Mercury Clutch, Edgemont Disk Type Clutch for Continuous Operation of Presses, Bliss Air Friction Clutch for Winding Operations, Constant- torque Slip Clutch Housings, Special "Transfer- matic" for Machining Coating Applied to Metal Tubes, Extruded Protective Coating for Aluminum Parts, Easily Applied Protective Coating for Geiger Counter Tubes, New External Coating Process for Zinc and Cadmium, Chromate Coating that Protects Metal Against Salt Corrosion Coating that Provides High Wear Resistance to Aluminum Coating that Reduces Glare of Guided Missiles Coating that Resists Acids and Alkalies Coating that Resists Acids and Alkalies	Oct. Mar. May May May Mar. Aug. Nov. June Aug. Sept. Jan. Feb. Jan. Feb. Nov.	186 208 198 226 230 212 220 211 224 196 191 182 183 203 197 182	Compound for Machining and Colddrawing Operations, Organic Cutting Compound for Polishing Carbide Dies, Diamond	July May May May Jan. Aug. Feb. Jan. July Feb. Aug.	226 189 188 182 189 203 182 196 220 199 164 152 232	Control, G-E Welder with Automatic  "Hot Start" Dec Control, John Crane Tube-rolling Cot Control, Device Developed for Use in Control, Device Developed for Use in Control General Management Control, Leeds & Northrup Electric Nov Control of Standard Lathe Increases Output Seven Times, "Brain Block" Sep Control Station, Allen-Bradley Pendent Control, Superdraulic Remote Aug Control, Torque Overload Nov Controller, Leeds & Northrup Air-fuel Ratio Aug Conveying Various Materials, New Self- centering Roll for Oct "Convertical" Milling Attachment Oct "Convertical" Milling Attachment Oct Conveyor, Improved "Chip-Tote" Jun Coolant, Screening Feeder for Desludg- ing Jan. Coolants, Frostrode Industrial Coolers for Jan. Coolants Increases Rate of Heat Dissipa- tion, Additive for Apr Cooler, Williams Oil June Cooper-Bessemer Corporation: New Superchargers for Gas and Diesel Engines from 1200 to 2500 H.P. Nov Cooper, Howard, Personal of Dec	246 210 220 220 210 220 221 210 228 216 228 216 228 216 228 216 228 216 216 217 218 218 218 219 219 219 219 219 219 219 219 219 219
Disintegrator Close, Gilbert C.: Magnesium-welding Fixtures for the "Flying Wing" Clutch and Brake Unit, Air-powered Friction Clutch and Brake Units, Electromagnetic Clutch Coupling, Mercury Clutch, Edgemont Disk Type Clutch for Continuous Operation of Presses, Bliss Air Friction Clutch for Winding Operations, Constantorque Slip Clutch Housings, Special "Transfermatic" for Machining Coating Applied to Metal Tubes, Extruded Protective Coating for Aluminum Parts, Easily Applied Protective Coating for Geiger Counter Tubes, New External Coating Process for Zinc and Cadmium, Chromate Coating that Protects Metal Against Salt Corrosion Coating that Provides High Wear Resistance to Aluminum Coating that Reduces Glare of Guided Missiles Coating that Resists Acids and Alkalies Coating that Resists Acids and Alkalies "Gyromat" for Applying "Gyromat" for Applying	Oct. May May May May Mar . Aug . Nov . June Aug . Feb . Sept . Sept . Feb . Nov . June	186 208 198 226 230 212 220 211 224 196 191 182 183 203 197 182 222	Compound for Machining and Colddrawing Operations, Organic Cutting Compound for Polishing Carbide Dies, Diamond Compound for Protecting Steel and Iron, Cold Galvanizing Compound for Removal of Scale from Iron and Steel Parts, Acid Type Compound for Removal of Scale from Forgings Compound grammar Compound for Removing Scale from Forgings Compound that Produces Flexible Accurate Molds, Molding Compound with High Film Strength, Water Soluble Transparent Cutting Compounds, Two New Liquid Tripoli Polishing Compression Testing Machine Compression Testing Machine Compressor Blades, Producing Pratt & Whitney Jet-engine. George H. De-Groat Compressor Impellers, Designing and Machining High-speed Mixed-flow. Harold Woodhouse Compressor, Ingersoll-Rand "Gyro-Flow" Compressor Rotors, Reducing Costs in Deep-slotting J. H. Hummer and C. L. Boughter and W. T. Gloor L.	July May May May Jan. Aug. Feb. Jan. July Feb. Aug.	226 189 188 182 189 203 182 196 220 199 164 152 232	Control, G-E Welder with Automatic  "Hot Start"  Control, John Crane Tube-rolling  Oct Control, Device Developed for Use in Control, Sampling Method of Quality  Leeds & Northrup Electric  Nov Control of Standard Lathe Increases Output Seven Times, "Brain Block"  Sept Control Station, Allen-Bradley Pendent Control, Superdraulic Remote  Aug Control, Torque Overload  Nov Controller, Leeds & Northrup Air-fuel Ratio  Conveying Various Materials, New Self- centering Roll for  "Convertical" Milling Attachment  Conveyor, Improved "Chip-Tote"  Loolants, Screening Feeder for Desludging  Jan. Coolants, Frostrode Industrial Coolers for  Coolants, Magnetic Clarifier for Liquid Apr Cooler, Williams Oil Cooper, Bessemer Corporation: New Superchargers for Gas and Diesel Engines from 1200 to 2500 H.P. Nov Cooper, R. S., Personal of  July	246 210 220 220 210 220 221 210 228 216 228 216 228 216 228 216 228 216 216 217 218 218 218 219 219 219 219 219 219 219 219 219 219
Disintegrator Close, Gilbert C.: Magnesium-welding Fixtures for the "Flying Wing" Clutch and Brake Unit, Air-powered Friction Clutch and Brake Units, Electromagnetic Clutch Coupling, Mercury Clutch, Edgemont Disk Type Clutch for Continuous Operation of Presses, Bliss Air Friction Clutch for Winding Operations, Constantorque Slip Clutch Housings, Special "Transfermatic" for Machining Coating Applied to Metal Tubes, Extruded Protective Coating for Aluminum Parts, Easily Applied Protective Coating for Geiger Counter Tubes, New External Coating for Geiger Counter Tubes, New External Coating that Protects Metal Against Salt Corrosion Coating that Provides High Wear Resistance to Aluminum Coating that Reduces Glare of Guided Missiles Coating that Resists Acids and Alkalies Coatings to Bulky Metal Products, "Gyromat" for Applying Coe, Robert L., Personal of	Oct. Mar. May May May May May Mar. Nov. June Aug. Feb. Sept. Sept. Nov. June	186 208 198 226 230 212 220 211 224 196 191 182 183 203 197 182	Compound for Machining and Colddrawing Operations, Organic Cutting Compound for Polishing Carbide Dies, Diamond Compound for Polishing Carbide Dies, Diamond Compound for Protecting Steel and Iron, Cold Galvanizing	July May May May Jan. Aug. Feb. Jan. July Feb. Oec.	226 189 188 182 189 203 182 196 220 199 164 152 232	Control, G-E Welder with Automatic  "Hot Start" Dec Control, John Crane Tube-rolling Cot Control, Device Developed for Use in Control, Device Developed for Use in Control, Sampling Method of Quality July Control of Standard Lathe Increases Output Seven Times, "Brain Block" Sep Control Station, Allen-Bradley Pendent Control, Superdraulic Remote Aug Control, Torque Overload Nov Controller, Leeds & Northrup Air-fuel Ratio Aug Conveying Various Materials, New Self- centering Roll for Oct Conveyor, Improved "Chip-Tote" Juny Coolant, Screening Feeder for Desludging Jan. Coolants, Frostrode Industrial Coolers for Jan. Coolants, Frostrode Industrial Coolers for Apr Coolants, Magnetic Clarifier for Liquid Apr Cooler, Williams Oil Juny Cooper-Bessemer Corporation: New Superchargers for Gas and Diesel Engines from 1200 to 2500 H.P. Nov Cooper, R. S., Personal of Dec Copper Alloys, Motion Picture Showing July Cooper Alloys, Motion Picture Showing July Cooper Alloys, Motion Picture Showing July Cooper Alloys, Motion Picture Showing	246 246 210 220 210 210 210 218 215 228 210 228 216 216 216 217 218 218 219 219 219 219 219 219 219 219 219 219
Disintegrator Close, Gilbert C.: Magnesium-welding Fixtures for the "Flying Wing" Clutch and Brake Unit, Air-powered Friction Clutch and Brake Units, Electromagnetic Clutch Coupling, Mercury Clutch, Edgemont Disk Type Clutch for Continuous Operation of Presses, Bliss Air Friction Clutch for Winding Operations, Constantorque Slip Clutch Housings, Special "Transfermatic" for Machining Coating Applied to Metal Tubes, Extruded Protective Coating for Aluminum Parts, Easily Applied Protective Coating for Geiger Counter Tubes, New External Coating for Geiger Counter Tubes, New External Coating that Protects Metal Against Salt Corrosion Coating that Provides High Wear Resistance to Aluminum Coating that Reduces Glare of Guided Missiles Coating that Resists Acids and Alkalies Coatings to Bulky Metal Products, "Gyromat" for Applying Coe, Robert L., Personal of	Oct. Mar. May May May May May Mar. Nov. June Aug. Feb. Sept. Sept. Nov. June	186 208 198 226 230 212 220 211 224 196 191 182 183 203 197 182 222	Compound for Machining and Colddrawing Operations, Organic Cutting Compound for Polishing Carbide Dies, Diamond Compound for Protecting Steel and Iron, Cold Galvanizing Compound for Removal of Scale from Iron and Steel Parts, Acid Type Compound for Removal of Scale from Forgings Compound grammar Compound for Removing Scale from Forgings Compound that Produces Flexible Accurate Molds, Molding Compound with High Film Strength, Water Soluble Transparent Cutting Compounds, Two New Liquid Tripoli Polishing Compression Testing Machine Compression Testing Machine Compressor Blades, Producing Pratt & Whitney Jet-engine. George H. De-Groat Compressor Impellers, Designing and Machining High-speed Mixed-flow. Harold Woodhouse Compressor, Ingersoll-Rand "Gyro-Flow" Compressor Rotors, Reducing Costs in Deep-slotting J. H. Hummer and C. L. Boughter and W. T. Gloor L.	July May May May Jan. Aug. Feb. Jan. July Feb. Apr.	226 189 188 182 189 203 182 196 220 199 164 152 232	Control, G-E Welder with Automatic  "Hot Start" Control, John Crane Tube-rolling Cottrol, Device Developed for Use in Control, Device Developed for Use in Control, Sampling Method of Quality User Control Standard Lathe Increases Output Seven Times, "Brain Block" Control Station, Allen-Bradley Pendent Control, Superdraulic Remote Control, Torque Overload Nov Controller, Leeds & Northrup Air-fuel Ratio Conveying Various Materials, New Self- centering Roll for Conveytical" Milling Attachment Conveyor, Improved "Chip-Tote" June Coolant, Screening Feeder for Desludg- ing Coolants, Frostrode Industrial Coolers for Jan. Coolants Increases Rate of Heat Dissipa- tion, Additive for Apr Cooler, Williams Oil Cooper-Bessemer Corporation: New Superchargers for Gas and Diesel Engines from 1200 to 2500 H.P. Nov Cooper, Howard, Personal of Dec Copper Alloys, Motion Picture Showing Making of High Quality Dec	246 246 210 220 210 210 210 218 215 228 210 228 216 216 216 217 218 218 219 219 219 219 219 219 219 219 219 219
Disintegrator Close, Gilbert C.: Magnesium-welding Fixtures for the "Flying Wing" Clutch and Brake Unit, Air-powered Friction Clutch and Brake Units, Electromagnetic Clutch Coupling, Mercury Clutch, Edgemont Disk Type Clutch for Continuous Operation of Presses, Bliss Air Friction Clutch for Winding Operations, Constant- torque Slip Clutch Housings, Special "Transfer- matic" for Machining Coating Applied to Metal Tubes, Extruded Protective Coating for Aluminum Parts, Easily Applied Protective Coating for Geiger Counter Tubes, New External Coating Process for Zinc and Cadmium, Chromate Coating that Protects Metal Against Salt Corrosion Coating that Provides High Wear Resistance to Aluminum Coating that Reduces Glare of Guided Missiles Coating that Resists Acids and Alkalies Coating that Resists Acids and Alkalies Coating to Bulky Metal Products, "Gyromat" for Applying Coe, Robert L., Personal of Coil Cradles, New Line of	Oct. May May May Mar. Aug. Nov. June Aug. Sept. Feb. Nov. June	186 208 198 226 230 212 220 211 224 196 191 182 183 203 197 182 222 232	Compound for Machining and Colddrawing Operations, Organic Cutting Compound for Polishing Carbide Dies, Diamond Compound for Protecting Steel and Iron, Cold Galvanizing	July May May May Jan. Aug. Feb. Jan. July Feb. Apr.	226 189 188 182 189 203 182 196 220 199 164 152 232	Control, G-E Welder with Automatic  "Hot Start" Control, John Crane Tube-rolling Oct Control, Device Developed for Use in Control, Sampling Method of Quality July Control, Leeds & Northrup Electric Nov Control of Standard Lathe Increases Output Seven Times, "Brain Block" Sep Control Station, Allen-Bradley Pendent Control, Superdraulic Remote Aug Control, Torque Overload Nov Controller, Leeds & Northrup Air-fuel Ratio Conveying Various Materials, New Self- centering Roll for "Convertical" Milling Attachment Conveyor, Improved "Chip-Tote" Colants, Screening Feeder for Desludging Jan. Coolants, Frostrode Industrial Coolers for Coolers, Williams Oil Cooler, Williams Oil Cooper-Bessemer Corporation: New Superchargers for Gas and Diesel Engines from 1200 to 2500 H.P. Nov Cooper, Roward, Personal of Dec Cooper R. S., Personal of Making of High Quality Dec Copper-molybdenum Alloy Roll Used to	246 246 222 210 210 228 216 228 216 228 216 228 216 228 216 228 216 228 216 228 216 228 216 228 217 228 218 219 228 228 228 229 228 228 228 228 228 22
Disintegrator Close, Gilbert C.: Magnesium-welding Fixtures for the "Flying Wing" Clutch and Brake Unit, Air-powered Friction Clutch and Brake Units, Electromagnetic Clutch Coupling, Mercury Clutch, Edgemont Disk Type Clutch for Continuous Operation of Presses, Bliss Air Friction Clutch for Winding Operations, Constantorque Slip Clutch Housings, Special "Transfermatic" for Machining Coating Applied to Metal Tubes, Extruded Protective Coating for Aluminum Parts, Easily Applied Protective Coating for Geiger Counter Tubes, New External Coating Process for Zinc and Cadmium, Chromate Coating that Protects Metal Against Salt Corrosion Coating that Provides High Wear Resistance to Aluminum Coating that Reduces Glare of Guided Missiles Coating that Resists Acids and Alkalies Coating to Bulky Metal Products, "Gyromat" for Applying Coe, Robert L., Personal of Coil Cradles, New Line of Coil Winding Machine, Toroidal	Oct. Mar. May May Mar. Nov. June Aug. Sept. Aug. Jan. Feb. Nov. June Feb. Sept. Sept. Sept. Sept. Sept. Sept.	186 208 198 226 230 212 220 211 224 196 191 182 183 203 197 182 222 232 232 24	Compound for Machining and Colddrawing Operations, Organic Cutting Compound for Polishing Carbide Dies, Diamond	July May May May Jan. Aug. Feb. July Feb. Apr. Oec.	226 189 188 182 189 203 182 196 220 199 164 152 232 183 210	Control, G-E Welder with Automatic  "Hot Start" Dec Control, John Crane Tube-rolling Cot Control, Device Developed for Use in Control, Device Developed for Use in Control, Sampling Method of Quality July Control of Standard Lathe Increases Output Seven Times, "Brain Block" Sep Control Station, Allen-Bradley Pendent Control, Superdraulic Remote Aug Control, Torque Overload Nov Controller, Leeds & Northrup Air-fuel Ratio Aug Conveying Various Materials, New Self- centering Roll for Oct Conveyor, Improved "Chip-Tote" Juny Coolant, Screening Feeder for Desludg- ing Juny Coolants, Frostrode Industrial Coolers for Jan. Coolants, Frostrode Industrial Coolers for Malitime Apr Cooler, Williams Oil Juny Cooper-Bessemer Corporation: New Superchargers for Gas and Diesel Engines from 1200 to 2500 H.P. Nov Cooper, Howard, Personal of Dec Cooper Alloys, Motion Picture Showing Making of High Quality Dec Copper Molybehanum Alloy Roll Used to Produce High-Speed Steel Billets Dec	246 222 228 216 193 244 213 226 246 186 244 216 226 244 258 246 246 246 246 246 246 246 246 246 246
Disintegrator Close, Gilbert C.: Magnesium-welding Fixtures for the "Flying Wing" Clutch and Brake Unit, Air-powered Friction Clutch and Brake Units, Electromagnetic Clutch Coupling, Mercury Clutch, Edgemont Disk Type Clutch for Continuous Operation of Presses, Bliss Air Friction Clutch for Winding Operations, Constantorque Slip Clutch Housings, Special "Transfermatic" for Machining Coating Applied to Metal Tubes, Extruded Protective Coating for Aluminum Parts, Easily Applied Protective Coating for Geiger Counter Tubes, New External Coating for Geiger Counter Tubes, New External Coating that Protects Metal Against Salt Corrosion Coating that Provides High Wear Resistance to Aluminum Coating that Reduces Glare of Guided Missiles Coating that Resists Acids and Alkalies Coating that Provides High Wear Resistance to Aluminum Coating that Resists Acids and Alkalies Coating that Provides High Weat Coating that Resists Acids and Alkalies Coating that Resists Acids and Alkalies Coating that Provides High Weat Resistance to Aluminum Coating that Resists Acids and Alkalies Coating that Resists Acids and Alkalies Coating that Provides High Weat Resistance to Aluminum Coating that Provides High Weat	Oct. Mar. May May May. Nov. June Aug. Sept. Sept. Nov. June Nov. Feb. Sept. Feb. Feb. Feb. Feb. Feb. Feb. Feb. Feb	186 208 198 226 230 212 220 211 224 196 191 182 183 203 197 182 222 232 2213 204 226	Compound for Machining and Colddrawing Operations, Organic Cutting Compound for Polishing Carbide Dies, Diamond Compound for Protecting Steel and Iron, Cold Galvanizing	July May May May Jan. Aug. Feb. July Feb. Apr. Oec.	226 189 188 182 189 203 182 196 220 199 164 152 232 183 210	Control, G-E Welder with Automatic  "Hot Start" Control, John Crane Tube-rolling Oct Control, Device Developed for Use in Control, Sampling Method of Quality July Control, Leeds & Northrup Electric Nov Control of Standard Lathe Increases Output Seven Times, "Brain Block" Sep Control Station, Allen-Bradley Pendent Control, Superdraulic Remote Aug Control, Torque Overload Nov Controller, Leeds & Northrup Air-fuel Ratio Conveying Various Materials, New Self- centering Roll for "Convertical" Milling Attachment Conveyor, Improved "Chip-Tote" Colants, Screening Feeder for Desludging Jan. Coolants, Frostrode Industrial Coolers for Coolers, Williams Oil Cooler, Williams Oil Cooper-Bessemer Corporation: New Superchargers for Gas and Diesel Engines from 1200 to 2500 H.P. Nov Cooper, Roward, Personal of Dec Cooper R. S., Personal of Making of High Quality Dec Copper-molybdenum Alloy Roll Used to	246 222 228 216 193 244 213 226 246 186 244 216 226 244 258 246 246 246 246 246 246 246 246 246 246
Disintegrator Close, Gilbert C.: Magnesium-welding Fixtures for the "Flying Wing" Clutch and Brake Unit, Air-powered Friction Clutch and Brake Units, Electromagnetic Clutch Coupling, Mercury Clutch, Edgemont Disk Type Clutch for Continuous Operation of Presses, Bliss Air Friction Clutch for Winding Operations, Constant- torque Slip Clutch Housings, Special "Transfer- matic" for Machining Coating Applied to Metal Tubes, Extruded Protective Coating for Aluminum Parts, Easily Applied Protective Coating for Geiger Counter Tubes, New External Coating Process for Zinc and Cadmium, Chromate Coating that Protects Metal Against Salt Corrosion Coating that Provides High Wear Resistance to Aluminum Coating that Reduces Glare of Guided Missiles Coating that Resists Acids and Alkalies Coating that Resists Ac	Oct. Mar. May May May. Nov. June Aug. Sept. Sept. Nov. June Nov. Feb. Sept. Feb. Feb. Feb. Feb. Feb. Feb. Feb. Feb	186 208 198 226 230 212 220 211 224 196 191 182 183 203 197 182 222 232 2213 204 226	Compound for Machining and Colddrawing Operations, Organic Cutting Compound for Polishing Carbide Dies, Diamond Compound for Protecting Steel and Iron, Cold Galvanizing Compound for Removal of Scale from Iron and Steel Parts, Acid Type Compound for Removing Scale from Iron and Steel Parts, Acid Type Compound for Removing Scale from Forgings Compound for Removing Scale from Forgings Compound that Produces Flexible Accurate Molds, Molding Compound with High Film Strength, Water Soluble Transparent Cutting Compounds, Two New Liquid Tripoli Polishing Compression Testing Machine Compression Testing Machine, Baldwin Tension and Compressor Blades, Producing Pratt & Whitney Jet-engine. George H. De-Groat Compressor Impellers, Designing and Machining High-speed Mixed-flow, Harold Woodhouse Compressor, Ingersoll-Rand "Gyro-Flow" Compressor Rotors, Reducing Costs in Deep-slotting. J. H. Hummer and C. L. Boughter and W. T. Gloor Compressors with Anti-friction Bearings, Horizontal Duplex Motor-driven J. Computer Developed by Northrop, Desk-sized Electronic	July May May May May Jan. Aug. Feb. Jan. July Feb. Apr.	226 189 188 182 189 203 182 196 220 199 164 152 232 183 210 168	Control, G-E Welder with Automatic  "Hot Start" Dec Control, John Crane Tube-rolling Cot Control, Device Developed for Use in Control, Device Developed for Use in Control, Sampling Method of Quality July Control of Standard Lathe Increases Output Seven Times, "Brain Block" Sep Control Station, Allen-Bradley Pendent Control, Superdraulic Remote Aug Control, Torque Overload Nov Controller, Leeds & Northrup Air-fuel Ratio Aug Conveying Various Materials, New Self- centering Roll for Oct Conveyor, Improved "Chip-Tote" Juny Coolant, Screening Feeder for Desludg- ing Juny Coolants, Frostrode Industrial Coolers for Jan. Coolants, Frostrode Industrial Coolers for Malitime Apr Cooler, Williams Oil Juny Cooper-Bessemer Corporation: New Superchargers for Gas and Diesel Engines from 1200 to 2500 H.P. Nov Cooper, Howard, Personal of Dec Cooper Alloys, Motion Picture Showing Making of High Quality Dec Copper Molybehanum Alloy Roll Used to Produce High-Speed Steel Billets Dec	246 222 228 216 193 244 213 226 246 186 244 216 226 244 241 258 246 246 246 246 246 246 246 246 246 246
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Tracer-controlled Milling Machines	37	170	Presses, Overload Safety Device for		400	Pyrometer for Measuring Steel Bath	Dec.	163
Employed for Repetitive Work Stand for Handling Heavy Dies			Mechanical			Temperatures, Immersion Thermo-		
Carbide Burs Simplify Difficult	1404.	,200	Presses, Perkins Special-purpose Presses Used with Cylinder Honing	Dec.	200	couple	Aug.	222
Machining Operations	Dec.	155	Equipment, Semi-automatic Transfer			•	-	
Cutter and Radius Grinder			for	Anr	214			
Cutter and Radius Grinder	Dec.	202	104	upi.				
Air-gage Plug for Checking Rough			Presses with Pipeless Hydraulic Cir-			0		
Air-gage Plug for Checking Rough Surface Bores			Presses with Pipeless Hydraulic Cir- cuits, Elmes Metal-working			Q		
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to	Dec.	215	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working Pressurizing Unit for Maintaining Sea	Apr.	204			
Air-gage Plug for Checking Rough Surface Bores Surface Bores Case Obesigned to Classify Precision Parts Case Obesigned to	Dec.	215	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working. Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes	Apr.	204	Q200—Degreasing Fluid for Metals that	Dec.	187
Air-gage Plug for Checking Rough Surface Bores	Dec.	215	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working  Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes  Prestole Corporation:	Apr.	204 173		Dec.	187
Air-gage Plug for Checking Rough Surface Bores Surface Bores Case Obesigned to Classify Precision Parts Case Obesigned to	Dec. Jan.	215 220	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes Prestole Corporation: "Floating" Nut	Apr. June Nov.	204 173 216	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature		
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W	Dec. Jan. Feb.	215 220 212	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working  Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes  Prestole Corporation:	Apr. June Nov.	204 173 216	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct.	228
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers	Dec. Jan. Feb.	215 220 212	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes Prestole Corporation: "Floating" Nut	Apr. June Nov. Feb.	204 173 216 240	Q200 - Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct.	228
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Locating Liproved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging	Dec. Jan. Feb. Feb.	215 220 212 216	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes Prestole Corporation: "Floating" Nut Price, Evan, Personal of Prices Permitted to Stimulate Production, Higher Machine Tool Primer, Quick Drying Rust Inhibiting	Apr. June Nov. Feb. Aug.	204 173 216 240 162	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept.	228 224
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service	Dec. Jan. Feb. Feb. Mar.	215 220 212 216 179	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes Prestole Corporation:  "Floating" Nut Price, Evan, Personal of Prices Permitted to Stimulate Production, Higher Machine Tool Primer, Quick Drying Rust Inhibiting Metal	Apr. June Nov. Feb. Aug.	204 173 216 240 162	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept.	228 224
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters	Dec. Jan. Feb. Feb. Mar.	215 220 212 216 179	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes Prestole Corporation: "Floating" Nut	Apr. June Nov. Feb. Aug.	204 173 216 240 162 183	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July	228 224 246
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service	Dec. Jan. Feb. Feb. Mar.	215 220 212 216 179	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes Prestole Corporation: "Floating" Nut	Apr. June Nov. Feb. Aug. Feb.	204 173 216 240 162 183 145	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar.	228 224 246 228
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides	Dec. Jan. Feb. Feb. Mar. Mar.	215 220 212 216 179 219	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes Prestole Corporation: "Floating" Nut	Apr. June Nov. Feb. Aug. Aug. Feb. Jan.	204 173 216 240 162 183 145 244	Q200 - Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb.	228 224 246 228 230
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks	Dec. Jan. Feb. Feb. Mar. Mar.	215 220 212 216 179 219	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes Prestole Corporation: "Floating" Nut	Apr. June Nov. Feb. Aug. Aug. Feb. Jan.	204 173 216 240 162 183 145 244	Q200 — Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb.	228 224 246 228 230
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.:	Dec. Jan. Feb. Feb. Mar. Mar.	215 220 212 216 179 219	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. Feb. Jan.	204 173 216 240 162 183 145 244	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb.	228 224 246 228 230 216
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Recon-	Dec. Jan. Feb. Feb. Mar. Mar. June Aug.	215 220 212 216 179 219 208 213	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July	204 173 216 240 162 183 145 244 209	Q200 — Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb.	228 224 246 228 230 216
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies	Dec. Jan. Feb. Feb. Mar. Mar. June Aug.	215 220 212 216 179 219 208 213	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July	204 173 216 240 162 183 145 244 209	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb.	228 224 246 228 230 216
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Recon-	Dec. Jan. Feb. Feb. Mar. Mar. June Aug.	215 220 212 216 179 219 208 213	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. Juny Oct.	204 173 216 240 162 183 145 244 209	Q200 — Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb.	228 224 246 228 230 216
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour	Dec. Jan. Feb. Feb. Mar. Mar. June Aug.	215 220 212 216 179 219 208 213	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr.	204 173 216 240 162 183 145 244 209 204 213	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb.	228 224 246 228 230 216
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Compara-	Dec. Jan. Feb. Feb. Mar. Mar. Sept. Nov.	215 220 212 216 179 219 208 213 170 180	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug.	204 173 216 240 162 183 145 244 209 204 213	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb.	228 224 246 228 230 216
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield	Dec. Jan. Feb. Feb. Mar. Mar. Sept. Nov.	215 220 212 216 179 219 208 213 170 180	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug.	204 173 216 240 162 183 145 244 209 204 213	Q200 - Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb.	228 224 246 228 230 216
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.:	Dec. Jan. Feb. Feb. Mar. Mar. Sept. Nov.	215 220 212 216 179 219 208 213 170 180	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug.	204 173 216 240 162 183 145 244 209 204 213 135	Q200 - Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Feb. Nov.	228 224 246 228 230 216 185
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving	Dec. Jan. Feb. Feb. Mar. Mar. June Aug. Sept. Nov. Oct.	215 220 212 216 179 219 208 213 170 180 224	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Apr. Apr.	204 173 216 240 162 183 145 244 209 204 213 135	Q200 - Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Feb. Nov.	228 224 246 228 230 216 185
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.:	Dec. Jan. Feb. Feb. Mar. Mar. June Aug. Sept. Nov. Oct.	215 220 212 216 179 219 208 213 170 180 224	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. Apr. May	204 173 216 240 162 183 145 244 209 204 213 135	Q200 - Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Feb. Nov.	228 224 246 228 230 216 185
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving Machine Preres, Bliss General-purpose Blanking, Forming, and Drawing	Dec. Jan. Feb. Feb. Mar. Mar. Sept. Nov. Oct. July Apr.	215 220 212 216 179 219 208 213 170 180 224 235 210	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. Apr. May May	204 173 216 240 162 183 145 244 209 204 213 135	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Feb. Nov.	228 224 246 228 230 216 185
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press, Pliss High-speed Perforating	Dec. Jan. Feb. Mar. Mar. June Aug. Sept. Nov. Oct. July Apr. May	215 220 212 216 179 219 208 213 170 180 224 235 210 209	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. Apr. May May	204 173 216 240 162 183 145 244 209 204 213 135	Q200 - Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Feb. Nov.	228 224 246 228 230 216 185 234 237 222
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Prels Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press Bliss High-speed Perforating Press Bliss High-speed Perforating Press Brake, "Metal Worker"	Dec. Jan. Feb. Mar. Mar. June Aug. Sept. Nov. Oct. July Apr. May	215 220 212 216 179 219 208 213 170 180 224 235 210 209	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. May May July	204 173 216 240 162 183 145 244 209 204 213 135 173 221 224	Q200 - Degreasing Fluid for Metals that is Usable at Room Temperature	Oct. Sept. July Mar. Feb. Feb. Nov.	228 224 246 228 230 216 185 234 237 222
Air-gage Plug for Checking Rough Surface Bores "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Improved "Preis-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press, Bliss High-speed Perforating Press Brakes, Struthers Wells New Line Press Brakes, Struthers Wells New Line	Dec. Jan. Feb. Mar. Mar. June Aug. Sept. Nov. Oct. July Apr. May Sept.	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working.  Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes  Prestole Corporation:  "Floating" Nut Price, Evan, Personal of Prices Permitted to Stimulate Production, Higher Machine Tool Primer, Quick Drying Rust Inhibiting Metal Priorities for Machine Builders are a Stern Necessity. Charles O. Herb Pritchard, Dr. Edward M., Personal of Prizes for Articles on Ingenious Mechanisms, Five Hundred Dollars in Production Machine Co.: Duplex Centerless Type Polishing Machine High-speed Centerless Polishing Machine Production Men Pays Off, Cooperation Between Designers and  "Progress-Thru"—Longitudinal Operation Performed on Automatic Transfer Machine Projector, Kodak Optical Gaging Projector, Portman Optical "Promatic" Centerless Grinding Machine Propeller Blades, Contour Machining of. Thomas P. Williams	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. May May July	204 173 216 240 162 183 145 244 209 204 213 135 173 221 224	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool Quality Control Course, University of Iowa Offers Quality Control, Device Developed for Use in Continuous Sampling Method of Quenching and Conveying Unit for Metal Parts Quill Mounting for Pratt & Whitney Jig Borers, Improved Quill Mounting for Pratt & Whitney Jig Borers, Improved Quist, W. W.: Constructing Arcs Tangent to Circles  R  R & L Tools: New Design, Adjustable Recessing Tool	Oct. Sept. July Mar. Feb. Nov. Jan. Sept. June Nov.	228 224 246 228 230 216 185 234 237 222
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press, Bliss High-speed Perforating Press Brake, "Metal Worker" Press Brake, Struthers Wells New Line of	Dec. Jan. Feb. Mar. Mar. June Aug. Sept. Nov. Oct. July Apr. May Sept.	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. Apr. May May July July	204 173 216 240 162 183 145 244 209 204 213 135 173 213 224 226 154	Q200 - Degreasing Fluid for Metals that is Usable at Room Temperature	Oct. Sept. July Mar. Feb. Nov. Jan. Sept. June Nov.	228 224 246 228 230 216 185 234 237 222
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Prels Engraving Machine Co., H. P.: Improved "Prels-Panto" Engraving Machine Press Bliss General-purpose Blanking, Forming, and Drawing Press Brakes, "Metal Worker" Press Brakes, "Metal Worker" Press Brakes, Struthers Wells New Line Of	Dec. Jan. Feb. Feb. Mar. June Aug. Sept. Nov. Oct. July Apr. May Sept. June Oct.	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198 206 204	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working.  Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes  Prestole Corporation:  "Floating" Nut Price, Evan, Personal of Prices Permitted to Stimulate Production, Higher Machine Tool Primer, Quick Drying Rust Inhibiting Metal Priorities for Machine Builders are a Stern Necessity. Charles O. Herb Pritchard, Dr. Edward M., Personal of Prizes for Articles on Ingenious Mechanisms, Five Hundred Dollars in Production Machine Co.: Duplex Centerless Type Polishing Machine High-speed Centerless Polishing Machine Production Men Pays Off, Cooperation Between Designers and  "Progress-Thru"—Longitudinal Operation Performed on Automatic Transfer Machine Projector, Kodak Optical Gaging Projector, Portman Optical "Promatic" Centerless Grinding Machine Propeller Blades, Contour Machining of. Thomas P. Williams	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. Apr. May May July July	204 173 216 240 162 183 145 244 209 204 213 135 173 213 224 226 154	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool Quality Control Course, University of Iowa Offers Quality Control, Device Developed for Use in Continuous Sampling Method of Quenching and Conveying Unit for Metal Parts Quill Mounting for Pratt & Whitney Jig Borers, Improved Quill Mounting for Pratt & Whitney Jig Borers, Improved Quist, W. W.: Constructing Arcs Tangent to Circles  R  R & L Tools: New Design, Adjustable Recessing Tool Radiagraph" for Cutting, Hardening, and Welding Equipment, Airco Radiagraph" for Cutting, Hardening, and Welding Equipment, Airco	Oct. Sept. July Mar. Feb. Feb. Nov. Jan. Sept. June Nov. Jan.	228 224 246 228 230 216 185 234 237 222 204
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press Brake, "Metal Worker" Press Brake, Struthers Wells New Line of Press, Clearing Double-action Hydrau- lic Press, Cleveland Knuckle-joint	Dec. Jan. Feb. Mar. Mar. June Aug. Oct. July Apr. May Sept. June Oct. Sept.	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198 206 204 203	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. Feb. July Oct. Apr. Aug. Apr. May May July July July Apr.	204 173 216 240 162 183 145 244 209 204 213 135 173 213 224 226 154	Q200 — Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Nov. Jan. Sept. June Nov. Jan. Apr.	228 224 246 228 230 216 185 234 237 222 204 236
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press Brake, "Metal Worker" Press Brake, "Metal Worker" Press Brakes, Struthers Wells New Line of Press, Cleveland Knuckle-joint Press, Cleveland Knuckle-joint	Dec. Jan. Feb. Mar. Mar. June Aug. Oct. July Apr. May Sept. June Oct. Sept.	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198 206 204 203	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. May May July July Apr. Nov.	204 173 216 240 162 183 145 244 209 204 213 135 173 213 224 226 154 190	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Nov. Jan. Sept. June Nov. Jan. Apr. Dec.	228 224 246 228 230 216 185 234 237 222 204 236 163 244
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Prelie Engraving Machine Co., H. P.: Improved "Prels-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press, Bliss General-purpose Blanking, Press Brakes, Struthers Wells New Line of Press, Clearing Double-action Hydrau- lic Press, Clearland Knuckle-joint Press, Cleveland Knuckle-joint Press, Denison High-production Oil-	Dec. Jan. Feb. Feb. Mar. Mar. June Aug. Sept. Nov. Oct. July Apr. May Sept. June Oct. Sept. May	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198 206 204 203 214	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working.  Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes  Prestole Corporation:  "Floating" Nut Price, Evan, Personal of Prices Permitted to Stimulate Production, Higher Machine Tool Primer, Quick Drying Rust Inhibiting Metal  Priorities for Machine Builders are a Stern Necessity. Charles O. Herb Pritchard, Dr. Edward M., Personal of Prizes for Articles on Ingenious Mechanisms, Five Hundred Dollars in Production Machine Co.: Duplex Centerless Type Polishing Machine High-speed Centerless Polishing Machine Production Men Pays Off, Cooperation Between Designers and  "Progress-Thru"—Longitudinal Operation Performed on Automatic Transfer Machine Projector, Kodak Optical Gaging Projector, Fortman Optical "Promatic" Centerless Grinding Machine Propeller Blades, Contour Machining of. Thomas P. Williams Propeller Blades, Extruding Hollow Steel Aircraft. George H. DeGroat Propellers May Result in Speeds of 1000 an Hour, New	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. May May July July Apr. Nov.	204 173 216 240 162 183 145 244 209 204 213 135 173 213 224 226 154 190	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Nov. Jan. Sept. June Nov. Jan. Apr. Dec.	228 224 246 228 230 216 185 234 237 222 204 236 163 244
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press Brake, "Metal Worker" Press Brake, Struthers Wells New Line of Press, Cleveland Knuckle-joint Press, Celeveland Knuckle-joint Press, Celeveland Knuckle-joint Press, Denison High-production Oil- hydraulic	Dec. Jan. Feb. Mar. Mar. June Aug. Oct. July Apr. May Sept. June Oct. Sept. May Jan.	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198 206 204 203 214 216	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. Feb. Jan. July Oct. Apr. Aug. May May July July July Apr. Nov. Jan.	204 173 216 240 162 183 145 244 209 204 213 135 173 2213 224 226 154 190 137	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Nov. Jan. Sept. June Nov. Jan. Apr. Dec.	228 224 246 228 230 216 185 234 237 222 204 236 163 244
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press Brake, "Metal Worker" Press Brake, "Metal Worker" Press Brakes, Struthers Wells New Line of Press, Cleveland Knuckle-joint Press, Cleveland Knuckle-joint Press, Denison High-production Oil- hydraulic Press, Diebel High-speed Automatic	Dec. Jan. Feb. Mar. Mar. June Aug. Oct. July Apr. May Sept. June Oct. Sept. May Jan.	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198 206 204 203 214 216	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working.  Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes  Prestole Corporation:  "Floating" Nut Price, Evan, Personal of Prices Permitted to Stimulate Production, Higher Machine Tool Primer, Quick Drying Rust Inhibiting Metal  Priorities for Machine Builders are a Stern Necessity. Charles O. Herb Pritchard, Dr. Edward M., Personal of Prizes for Articles on Ingenious Mechanisms, Five Hundred Dollars in Production Machine Co.: Duplex Centerless Type Polishing Machine Production Machine Co.: Duplex Centerless Polishing Machine Progress-Thru"—Longitudinal Operation Between Designers and  "Progress-Thru"—Longitudinal Operation Performed on Automatic Transfer Machine Projector, Portman Optical  "Progetor, Portman Optical  "Promatic" Centerless Grinding Machine Propeller Blades, Contour Machining of. Thomas P. Williams Propeller Blades, Extruding Hollowsteel Tapered-section Propeller Blades, Producing Hollow Steel Aircraft. George H. DeGroat Propellers May Result in Speeds of 1000 an Hour, New Primer Applied Over Corroded Steel, Anti-corrosive	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. May May July July Apr. Nov.	204 173 216 240 162 183 145 244 209 204 213 135 173 2213 224 226 154 190 137	Q200 - Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Nov. Jan. Sept. June Nov. Jan. Apr. Dec. June	228 224 246 228 230 216 185 234 237 222 204 236 163 244 228
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press Brake, "Metal Worker" Press Brake, "Metal Worker" Press, Cleveland Knuckle-joint Press, Cleveland Knuckle-joint Press, Cleveland Knuckle-joint Press, Denison High-production Oil- hydraulic Press, "Fastraverse" Sheet-metal Drawing	Dec. Jan. Feb. Mar. Mar. June Aug. Oct. July Apr. May Sept. June Oct. Sept. May Jan. Dec. Oct.	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198 206 204 203 214 216 226	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working	Apr. June Nov. Feb. Aug. Aug. Feb. Jan. July Oct. Apr. Aug. May May July July Apr. Nov. Jan. Sept.	204 173 216 240 162 183 145 244 209 204 213 135 173 213 224 226 154 190 137 190 183	Q200 — Degreasing Fluid for Metals that is Usable at Room Temperature  "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Nov. Jan. Sept. June Nov. Jan. Apr. Dec. June Oct.	228 224 246 228 230 216 185 234 237 222 204 236 163 244 228
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Castings Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Preis Engraving Machine Co., H. P.: Improved "Preis-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Forming, and Drawing Press, Bliss High-speed Perforating Press Brake, "Metal Worker" Press Brake, Struthers Wells New Line of Press, Clearing Double-action Hydraulic Press, Celearing Double-action Hydraulic Press, Clearing High-production Oil- hydraulic Press, "Fastraverse" Sheet-metal Drawing Press for Assembling Camshaft Bushings Press for Assembling Camshaft Bushings Press for Assembling Camshaft Bushings	Dec. Jan. Feb. Mar. Mar. June Aug. Sept. Nov. Oct. July Apr. May Sept. June Oct. Sept. Oct. Oct. Oct. Oct. Oct. Oct. Oct.	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198 206 204 203 214 216 226 215	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working.  Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes  Prestole Corporation:  "Floating" Nut Price, Evan, Personal of Prices Permitted to Stimulate Production, Higher Machine Tool Primer, Quick Drying Rust Inhibiting Metal Priorities for Machine Builders are a Stern Necessity. Charles O. Herb Pritchard, Dr. Edward M., Personal of Prizes for Articles on Ingenious Mechanisms, Five Hundred Dollars in Production Machine Co.: Duplex Centerless Type Polishing Machine Production Menine Co.: Duplex Centerless Polishing Machine Progress-Thru"—Longitudinal Operation Between Designers and  "Progress-Thru"—Longitudinal Operation Performed on Automatic Transfer Machine Projector, Rodak Optical Gaging Propector, Portman Optical  "Propeller Blades, Contour Machining of. Thomas P. Williams Propeller Blades, Contour Machining of. Thomas P. Williams Propeller Blades, Producing Hollow Steel Aircraft. George H. DeGroat Propellers May Result in Speeds of 1000 an Hour, New Primer Applied Over Corroded Steel, Anti-corrosive Production Rates, Slide-rule for Checking Protective Gas Atmosphere in Heating	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. Apr. May May May July July Apr. Nov. Sept. Oct.	204 173 216 240 162 183 145 244 209 204 213 135 173 213 224 154 190 137 190 183 202	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Nov. Jan. Sept. June Nov. Jan. Apr. Dec. June Oct.	228 224 246 228 230 216 185 234 237 222 204 236 163 244 228
Air-gage Plug for Checking Rough Surface Bores  "Selectronic" Gage Designed to Classify Precision Parts Jig Borer with "Electrolimit" Measuring System for Precision Locating Improved Quill Mounting for P & W Jig Borers Burr Resharpening and Salvaging Service Taper Die-sinking Cutters Huge Keller Milling Machine with Wear-resistant Phenolic Lines for Slides Solid Carbide Precision Gage-blocks Precision Castings Co., Inc.: Liquid Blasting Cuts Cost of Reconditioning Die-casting Dies Precision Tube Co., Inc.: Straightening Non-ferrous Tubing at Over 3000 Feet per Hour Precisionaire Surface Finish Comparator, Sheffield Prelis Engraving Machine Co., H. P.: Improved "Prels-Panto" Engraving Machine Press, Bliss General-purpose Blanking, Press Brake, "Metal Worker" Press Brake, "Metal Worker" Press Brake, "Metal Worker" Press, Clearing Double-action Hydraulic Press, Clearing Double-action Hydraulic Press, Cleveland Knuckle-joint	Dec. Jan. Feb. Mar. Mar. June Aug. Sept. Nov. Oct. July Apr. May Sept. June Oct. Sept. Oct. Oct. Oct. Oct. Oct. Oct. Oct.	215 220 212 216 179 219 208 213 170 180 224 235 210 209 198 206 204 203 214 216 226 215 217	Presses with Pipeless Hydraulic Circuits, Elmes Metal-working.  Pressurizing Unit for Maintaining Sea Level Pressure at High Altitudes  Prestole Corporation:  "Floating" Nut Price, Evan, Personal of Prices Permitted to Stimulate Production, Higher Machine Tool Primer, Quick Drying Rust Inhibiting Metal  Priorities for Machine Builders are a Stern Necessity. Charles O. Herb Pritchard, Dr. Edward M., Personal of Prizes for Articles on Ingenious Mechanisms, Five Hundred Dollars in Production Machine Co.: Duplex Centerless Type Polishing Machine High-speed Centerless Polishing Machine Production Machine Tool  "Progress-Thru"—Longitudinal Operation Between Designers and  "Progress-Thru"—Longitudinal Operation Performed on Automatic Transfer Machine Projector, Kodak Optical Gaging Projector, Portman Optical "Promatic" Centerless Grinding Machine Propeller Blades, Contour Machining of. Thomas P. Williams Propeller Blades, Producing Hollow Steel Aircraft. George H. DeGroat Propellers May Result in Speeds of 1000 an Hour, New Primer Applied Over Corroded Steel, Anti-corrosive Protective Gas Atmosphere in Heating Metals, Powder that Provides	Apr. June Nov. Feb. Aug. Aug. July Oct. Apr. Aug. Apr. May May May July July Apr. Nov. Sept. Oct.	204 173 216 240 162 183 145 244 209 204 213 135 173 213 224 154 190 137 190 183 202	Q200—Degreasing Fluid for Metals that is Usable at Room Temperature "Quad" Countersinking, Chamfering, and Burnishing Tool	Oct. Sept. July Mar. Feb. Nov. Jan. Sept. June Nov. Jan. Apr. Dec. June Oct.	228 224 246 230 216 185 234 237 222 204 236 163 244 228 208 207
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Internal Thread Comparator	Aug.	221	Rubber Permits Easier Molding, New Silicone	Feb.	197	Saw for Pattern Shops, Radial	Sept,	218
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Saws, Band, see Band			Purdue, Machine Tool	. Sept.	114	Small Shops Are Important to the De- fense Effort	Ton	100
Saws, Hanchett Grinder Designed for Sharpening Hanchett	Oct	211	The Army, Navy, and Air Force	. Mar.	. 192	Simmons Machine Tool Corporation:	Jan.	180
Sawing Machine, Motch & Merryweather	OCL.	211	"Semco" Improved Press			Small Shops Are Important to the De-		
Circular	Oct.	214	Separator for Stamping Press Work,	, sept.	100	fense Effort	Jan.	180
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Blocks Increase Throat Capacity of			Separator, Peerless Dry-process Metal			Molybdenum-vacuum	Dec.	204
DoAll Band			Service Machine Co.:			Silver-clad Steel Strip Used to Replace		
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Scale from Forgings, Compound for Re-			Servomechanisms, Inc.:			Sixt, N. G., Personal of		
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Schaeffer, Emil R., Personal of	Feb.	248	Shafts an Hour, Multiple-station Electro	>-		Radial Saw for Pattern Shops	May	218
Schaublin Multi-purpose Precision	T.,1.,	220	limit Gage Checks Three Hundred		000	Slide-rule for Adding and Subtracting		
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Scherr Co., George: Wide-field Binocular Microscope	Morr	210	Shafts, Garlock Mechanical Rotary Seals		200	Slide-rule for Checking Production		
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Leveling and Aligning Machine Tool			Shakeproof, Inc.: Pre-assembled Nuts and Lock-			Slide-rule, Stainless-steel Tube-bend-		
Ways	Apr.	224	washers	Dec	214	"Slide-Set" Vice Pedro Origh-setion	Apr.	200
Schieren Co., Charles A.:	asps .		Shaper, Delta Metal-working			"Slide-Set" Vise, Dodge Quick-action Slitting Machine, Wilder Portable	Sept.	204
Flat Leather Belting with an "Anti-			Shaper Equipped with Turchan Hydraulic			Metal-	Tules	220
stretch" Rayon-cord Insert	Feb.	196	Duplicator, Cincinnati		200	Metal "Slo-Speed" Geared Motor, Sterling	July	239
Schmidt, C. B., Personal of			Shaper for Duplicating Contours on	g.		Improved	Ann	224
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Fluoroscopy	July	173	Sharpened Precisely, Why Taps Should	, may	201	ing of Gasket. Robert W. Newton	June	191
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Schori Process Division, Ferro-Co			Sharpening Attachment, Treyco Tool			Slotting Compressor Rotors, Reducing		
Corporation:			Shaving Diameters of Pinions, Calcu-			Costs in.		
Spray Gun that Sprays Two Solutions			lating	Nov.	194	J. H. Hummer and C. L. Boughter	Dee	100
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1			200 Feet per Minute, Accurate	. Feb.	194	Smith, H. R.:		
Sciaky Bros. Inc.:	Jan.	101	Sheet-metal Transition Pieces, New			Cost-cutting Methods of Producing		
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ing Machine	Aug.	201	Accurate Shearing of Galvanized	. Feb.	194	Smith, Stuart H., Personal of		
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Spector, B.: Rotating and Sliding Mechanism Used			Stamps, Container that Simplifies Handli and Storage of Hand. W. M. Halliday		193	Sterling Electric Motors, Inc.: Single-phase Motor	Sont	22
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Speed from Constant Rotary Motion, Producing Variable. J. J. Pot A	1	100	Grinders, Bench and Floor Standard of Mass, The National			head Motor		
Speed Reducer, "Geartork" Planetary	rug.	130	Standard Pressed Steel Co.:	T CD.		Stock Calculator, Metal Rod and Flat		
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angle			New		193	Metal Cut-off Machine Storage Battery Parts with Special Equip		21
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Variable	Apr. 2	222	Increases Hardness, Working	Feb.	178	Shafts, Axles, and Tubing	Apr.	
"Speedmaster" Variable-speed Drive,	uno 5	21.4	Stainless Steel, Removing Weld Discolor		470	Stouffer, Lloyd L., Personal of Straightener, Medart Rotary		
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& Northrup F "Speed-Trol", Electric Remote Control	reb. 2	226	Stanley, Robert C., Obituary of	Mar.	250	Straightening Machine, Pullmax Wire Straightening Non-ferrous Tubing at	Oct.	20
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SpeedWay Mfg. Co.: New 1/2-inch Capacity Drill S	lent 2	222	Star Guage Co.: "Starco Sine-A-Dex" Grinding Fixture	Dec	212	compensated		
"Speedyjet" Cleaning Unit F			Star-shaped Punch and Die, Gaging. Her		213	Strain Recorder, High-speed Inkless	Mar.	. 22
Sperry Gyroscope Co.:			R. Bowman	Sept.		Strang, Norman A., Personal of	May	24
Deep-drawing Aluminum Parts with Low cost Dies		73	"Starter Westinghouse Motor			Stringfellow, George E.: Producing Storage Battery Parts with		
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Spin-Lock" Screw S	Sept. 2	222	Starrett Co., L. S.:			Strip-chart Electronic Instruments,	Morr	21
Spindle for Air Gages, Sheffield Ad- justable	Oct. 2	226	Test Indicator and Shock Absorbing Anvil	Sent	205	Strip Used to Replace Restricted Metals		-
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the Same Time M			Motor	Aug.	216	Chromium-plated Tool-holders Applied		4.0
"Spraywelder" Colmonoy A Spring Coilers, Hand-operated F			Starter for Automotive Plants, General	Dog	216	to Tough Operating Conditions Solid Carbide Boring Tool		
Spring Collers, Precision A			Electric Combination			Drill for Heat-treated Steel		
Spring Grinder, Besly Double Vertical-			Steadyrest for Large-diameter Work	June	219	"Super-Duplicator", High-speed Milling		
Spring Specialty Co.:	far. 2	13	Steam Gun for Heavy-duty Cleaning Steel, Anti-corrosive Primer Applied	July	245	of Irregular-shaped Parts on Superchargers for Gas and Diesel	May	19
Bench and Floor Stands for Light-duty			Over Corroded	Sept.	183	Engines from 1200 to 2500 H.P., New	Nov.	16
Flexible-shaft Grinders J	uly 2	36	Steel Bath Temperature, Immersion			Superdraulic Corporation:		-
Spring Used with Cut-off Tool on Turret Lathe to Eject Work. Roger Isetts S	ept. 1	90	Thermo-couple Pyrometer for Measur ing		222	Hydraulic Remote Control System Superfinishing Attachment, Gisholt	Aug.	22
Springer, Jack B.:	ope. I		Steel City Testing Machines, Inc.:	Aug.	220	Heavy-duty	Sept.	19
Cold-forming Large Nuts at High	hat 1	577	Proving Rings for Calibrating Load on		040	Support for Power Shears, Cincinnati	G4	10
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	Drive for Locomotives, Gas Turbo-jet Engine for Military Aircraft, New G. E	Aug. Jan.  ded Feb. Dec. June Apr. Dec. Mar. Aug.	190 161 196 203 208 168 197	pressure Hydraulic Systems, Surge Damping Valves, Air or Hydraulic Van Cleve, A. E., Personal of Van Deventer, R. E.; Packard Achieves Production Economies with Induction Hardening Van Gundy, J. C.; Transparent Cutting Oils Offer Important Advantages Van Keuren, Robert G., Personal of Vapor and Mist Collector Vapor Steam Cleaner, Improved Heavyduty Variable Scale Saves Time and Reduces Errors Variable-speed, See Speed Variable-speed from Constant Rotary Motion, Producing. J. J. Pot Variable Speed from Constant Rotary Motion, Mechanism that Produces. L. Kasper Vari-O-Speed Powershear*, "Di-Arco	Feb. June  May  Aug. Dec. Sept.  Dec. Aug.  Aug.	232 236 154 177 236 222 220 181 190	"Spraywelder" Powder Metallizing Unit	Aug. July Mar. Mar. Jan. Sept. Oct. July Apr.	261 215 248 238 180 208 228 244
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